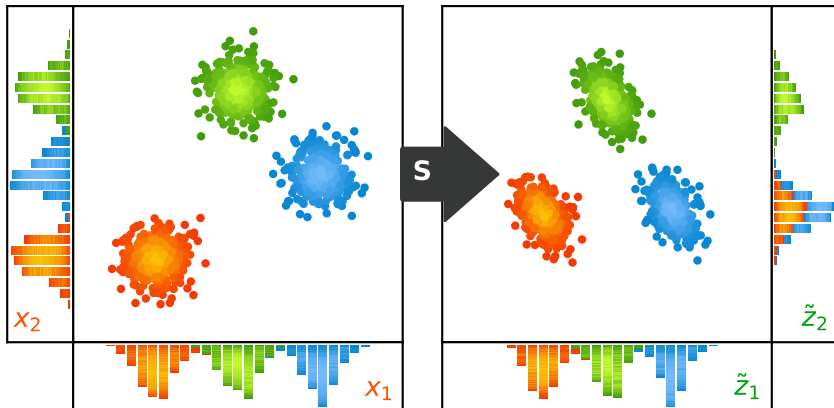
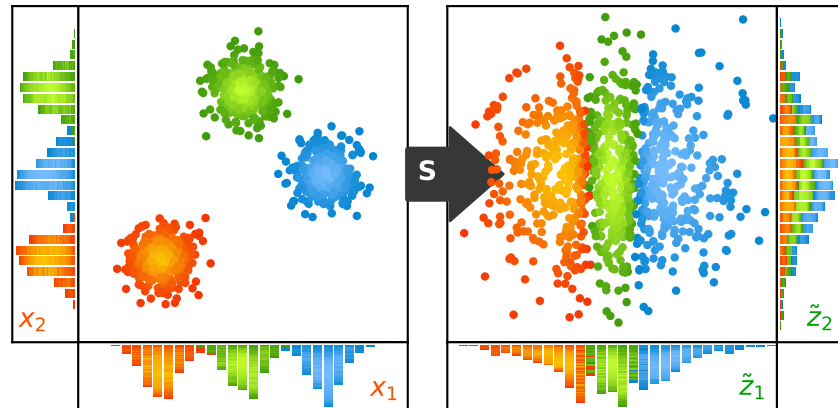
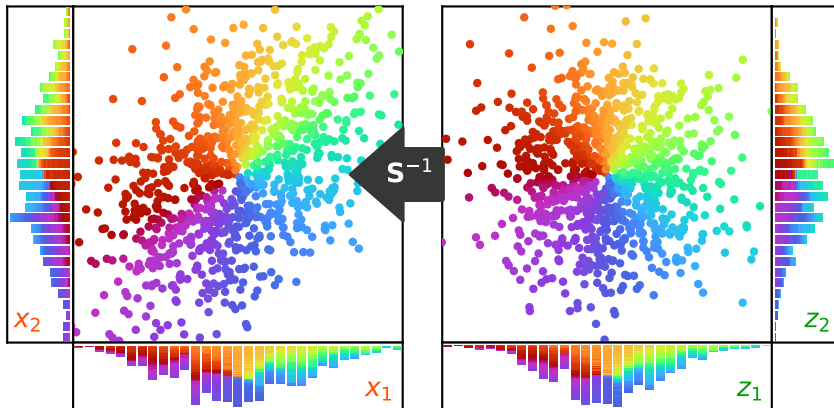


A: simple forward map (linear)target π pushforward $\mathbf{S}_\# \pi$ **C**: complex forward map (nonlinear)target π pushforward $\mathbf{S}_\# \pi$ **B**: simple inverse map (linear)pullback $\mathbf{S}^\# \eta$ reference η **D**: complex inverse map (nonlinear)pullback $\mathbf{S}^\# \eta$ reference η 